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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Hiroshi KASHIWA

Serial No.: 09/980,093

Group Art Unit: 2651

Filed: December 19, 2001

Examiner: Unassigned

For: DATA RECORDING MEDIUM AND DATA MANAGEMENT SYSTEM

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Washington, D.C. 20231

Sir:

Pursuant to 37 C.F.R. §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached Form PTO-1449. Copies of each of the references listed on Form PTO-1449 are attached.

JP '064, JP '727, JP '675 and JP '144 are cited in the International Search Report bearing a mailing date of September 19, 2000 that was filed with the present application on November 30, 2001.

JP '064 corresponds to US '486, and JP '727 corresponds to EP '734.

JP '675 is discussed in the International Preliminary Examination Report (PCT/IPEA/409), submitted under separate cover with this filing.

The above information is presented so that the Patent and Trademark Office may, in the first instance, determine any materiality thereof to the claimed invention. See 37 C.F.R. 1.104(a) and 1.106(b) concerning the PTO duty to consider and use any such information. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that these references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

Respectfully submitted,

PARKHURST & WENDEL, L.L.P.

February 14, 2002
Date

RWP/jmz

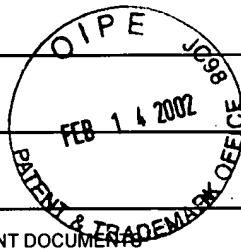
Attorney Docket No.: HYAE:128

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FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE
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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,805,551	09/08/1998	Oshima et al.			
	5,923,486	07/13/1999	Sugiyama et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION NO YES
	07-161172	06/23/1995	Japan (English Abstract)			x
	08-195064	07/30/1996	Japan			x
	10-228727	08/25/1998	Japan			x
	EP 0 849 734	12/19/1997	EPO			
	11-096675	04/09/1999	Japan (English abstract)			x
	10-021144	01/23/1998	Japan (English abstract)			x
	05-282675	10/29/1993	Japan (English abstract)			x

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.